

FLUID FLOW CONTROL VALVE

Abstract

A fluid flow control valve that may be used as both a check valve and a relief valve. The valve includes a moveable valve member having a surface capable of forming two or more valve seal areas with two or more valve seat surfaces on a valve seat member. The valve seat surfaces may be formed by coining a portion of valve seat surfaces on fingers of the valve seat member. One of the valve seat fingers is inclined from the outlet toward the inlet. The valve seat member is metal, forming a metal to metal valve seat arrangement with the valve seat member.